



DEPARTMENT OF THE ARMY  
WASHINGTON AQUEDUCT  
U.S. ARMY CORPS OF ENGINEERS, BALTIMORE DISTRICT  
5900 MACARTHUR BOULEVARD, N.W.  
WASHINGTON, D.C. 20016-2514

May 14, 2013

RECEIVED  
EPA REGION III

MAY 20 2013

NPDES PERMITS BRANCH  
(3WP41)

Office of the General Manager

Ms. Mary M. Letzkus  
US EPA Region 3  
Mail Code: MC 3WP13  
1650 Arch Street  
Philadelphia, PA 19103

Via Certified Mail # 7005 1820 0004 4518 9701 / Return Receipt Requested

Re: NPDES Permit Application for Permit No. DC 0000019 Washington Aqueduct

Dear ~~Ms.~~ <sup>MARY</sup> Letzkus:

In accordance with 40 CFR Part 122.21 and Part II.D.9 of the permit dated November 20, 2008, we are submitting our completed application for renewal of the referenced permit. This application covers outfalls 002, 003, 004, 006, 007, 008 and 009; all covered under the existing permit.

As you know Washington Aqueduct is operating the Residuals Processing Facility and has fulfilled its obligations under the Federal Facility Compliance Agreement (Docket No. CWA-03-2003-0136DN). Currently, water treatment residuals from the Dalecarlia Water Treatment Plant sedimentation basins, the Georgetown sedimentation basins, and the forebay of the Dalecarlia Reservoir are collected, processed, dewatered and trucked for off-site disposal. Therefore, operation of the RPF has eliminated the return of water treatment residuals to the Potomac River from the sedimentation basins. If there were to be an operational need to make water treatment residuals discharges from outfalls 002, 003, or 004, that would be handled as an upset or bypass under the terms of the permit.

There will continue to be a discharge of ground water, through outfall 002, from a spring located beneath the Dalecarlia sedimentation basins and minor leakage from the Dalecarlia sedimentation basins (about 19.3 MG per year).

For the purpose of this application we have listed one potential bypass or upset in each basin over the five year period of the permit and have made those calculations as they would apply to outfalls 002, 003 and 004.

Outfall 006 takes water from the conduit that moves treated water from the Dalecarlia Reservoir to the Georgetown sedimentation basins. In order to periodically inspect the integrity of that conduit (which now includes the pipes that take pressurized



dredged sediment from the Georgetown basins back to the Residuals Processing Facility) it must be drained.

There are two ways to drain that conduit. One is to close the influent at the Dalecarlia Reservoir and close the Georgetown Conduit effluent that goes into the Georgetown sedimentation basins (sometimes referred to as the "Georgetown Reservoir") and open the gate valve which is located midway between the Dalecarlia and Georgetown and have the contents of the conduit drain to the Potomac River. The other way that has often been used in the past is to take advantage of the draining of one of the two sedimentation basins at Georgetown and let the contents of the conduit flow into the empty basin after closing the influent at the Dalecarlia Reservoir. Since we will not be draining the Georgetown Sedimentation basins as part of our residuals management, that option will not be available in the future.

Therefore, we will need to use Outfall 006. Given normal ranges of settled water (raw water from the Dalecarlia Reservoir with coagulant aluminum sulfate added as it leaves the Dalecarlia Reservoir en route to the Georgetown basins), we are requesting a minor change in average monthly permit limit for total aluminum from 4.0 mg/L to 6.0 mg/L and retaining the maximum daily limit at 8.0 mg/L. The other discharge parameters in the current version of DC 0000019 can remain as they are. We anticipate the discharge frequency of once every three years for inspection purposes. In the case of a break in one of the pressurized lines carrying the residuals back to the treatment facility we would need to get to it very soon after the break occurred and we would determine if it could be done within the requested limits for Outfall 006 or whether we would need to coordinate with you and exercise the upset conditions or request a bypass. The volume is approximately 5 million gallons and would be discharged over one day.

As to this increase in the monthly aluminum limit, we are specifically requesting a waiver under the anti-backsliding provisions of 33 U.S.C. § 1342(o)(2)(A), and 40 CFR § 122.44(l)(2)(i)(A) because the substantial alteration to the operations of the Washington Aqueduct for the addition of the residuals treatment after the issuance of the current permit. Because this limit is a technical one, we do not believe the water quality restrictions of 33 U.S.C. § 1342(o)(3) or 40 CFR 122.44(l)(2)(ii) apply in this case.

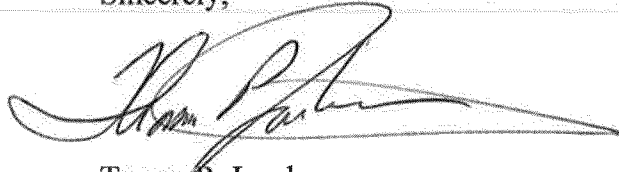
Pollutants have been marked "believed present" and the intake column marked if the pollutants are present in our raw water analysis. Pollutants have been marked "believed present" and identified as a "treatment chemical" if they are a chemical added to the raw water. Pollutants have been marked "believed present" if they are detected in chemicals analysis.

If you believe it would be beneficial to meet in person to discuss this renewal application, we invite you to come to the Dalecarlia Water Treatment Plant, or we will come to Philadelphia to meet with you there.



If you have any questions please call me at 202-764-0031 or your staff can contact Mr. Shabir Choudhary at 202-764-2771.

Sincerely,

A handwritten signature in black ink, appearing to read 'T. P. Jacobus', with a long horizontal flourish extending to the right.

Thomas P. Jacobus  
General Manager



FORM 1 GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program (Read the "General Instructions" before starting)		I. EPA I.D. NUMBER S F DC00000019		T/A C D			
LABEL ITEMS		III. FACILITY NAME		GENERAL INSTRUCTIONS		13 14 15			
I. EPA I.D. NUMBER		V. FACILITY MAILING ADDRESS		If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is present (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.					
VI. FACILITY LOCATION		II. POLLUTANT CHARACTERISTICS							
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of <b>bold-faced terms</b> .									
SPECIFIC QUESTIONS		Mark "X"		SPECIFIC QUESTIONS		Mark "X"			
A. Is this facility a <b>publicly owned treatment works</b> which results in a <b>discharge to waters of the U.S.</b> ? (FORM 2A)		YES	NO	FORM ATTACHED	B. Does or will this facility (either existing or proposed) include a <b>concentrated animal feeding operation</b> or <b>aquatic animal production facility</b> which results in a <b>discharge to waters of the U.S.</b> ? (FORM 2B)		YES	NO	FORM ATTACHED
			X					X	
		16	17	18			19	20	21
C. Is this a facility which currently results in <b>discharges to waters of the U.S.</b> other than those described in A or B above? (FORM 2C)		X			D. Is this a proposed facility (other than those described in A or B above) which will result in a <b>discharge to waters of the U.S.</b> ? (FORM 2D)			X	
		22	23	24			25	26	27
E. Does or will this facility treat, store, or dispose of <b>hazardous wastes</b> ? (FORM 3)			X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)			X	
		28	29	30			31	32	33
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)			X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)			X	
		34	35	36			37	38	39
I. Is this facility a proposed <b>stationary source</b> which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)			X		J. Is this facility a proposed <b>stationary source</b> which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)			X	
		40	41	42			43	44	45
III. NAME OF FACILITY									
C. SKIP WASHINGTON AQUEDUCT									
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60									
IV. FACILITY CONTACT									
A. NAME & TITLE (last, first, & title)									
C. JACOBUS, THOMAS, GENERAL MANAGER									
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60									
B. PHONE (area code & no.)									
(202) 764-0031									
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V. FACILITY MAILING ADDRESS									
A. STREET OR P.O. BOX									
C. 5900 MACARTHUR BOULEVARD, NW									
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B. CITY OR TOWN									
C. WASHINGTON									
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C. STATE									
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D. ZIP CODE									
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VI. FACILITY LOCATION									
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER									
C. 5900 MACARTHUR BOULEVARD, NW									
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B. COUNTY NAME									
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C. CITY OR TOWN									
C. WASHINGTON									
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E. ZIP CODE									
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F. COUNTY CODE (if known)									
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1. The first part of the document is a list of the names of the persons who were present at the meeting. The names are listed in alphabetical order.

2. The second part of the document is a list of the topics that were discussed at the meeting. The topics are listed in alphabetical order.

3. The third part of the document is a list of the actions that were taken at the meeting. The actions are listed in alphabetical order.

4. The fourth part of the document is a list of the persons who were responsible for the actions that were taken at the meeting. The persons are listed in alphabetical order.

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)																	
A. FIRST										B. SECOND							
C	7	4	9	4	1	(specify)					C	7	(specify)				
15	16	WATER TREATMENT PLANT															
C. THIRD										D. FOURTH							
C	7	(specify)					C	7	(specify)								
15	16																
VIII. OPERATOR INFORMATION																	
A. NAME																	
C	8	UNITED STATES ARMY CORPS OF ENGINEERS										B. Is the name listed in Item VIII-A also the owner?					
15	16											<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box: If "Other," specify.)																	
F = FEDERAL S = STATE P = PRIVATE					M = PUBLIC (other than federal or state) O = OTHER (specify)					F (specify)							
					56					D. PHONE (area code & no.)							
										A (202) 764-0031							
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5900 MACARTHUR BOULEVARD, NW																	
20																	
F. CITY OR TOWN																	
C	B	WASHINGTON										G. STATE		H. ZIP CODE		IX. INDIAN LAND	
15	16											DC		20016		is the facility located on Indian lands?	
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EPA I.D. NUMBER (copy from Item 1 of Form 1)

DC000019

Form Approved.  
OMB No. 2040-0086.  
Approval expires 3-31-98.

Please print or type in the unshaded areas only.

FORM  
**2C**  
NPDESU.S. ENVIRONMENTAL PROTECTION AGENCY  
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER  
**EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS**  
Consolidated Permits Program**I. OUTFALL LOCATION**

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
002	38.00	55.00	57.00	77.00	7.00	3.00	Potomac River
003	38.00	54.00	41.50	77.00	5.00	57.00	Potomac River
004	38.00	54.00	27.50	77.00	5.00	36.00	Potomac River
006	38.00	55.00	14.00	77.00	6.00	0.00	Potomac River
007	38.00	54.00	58.00	77.00	3.00	32.00	Rock Creek

**II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES**

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

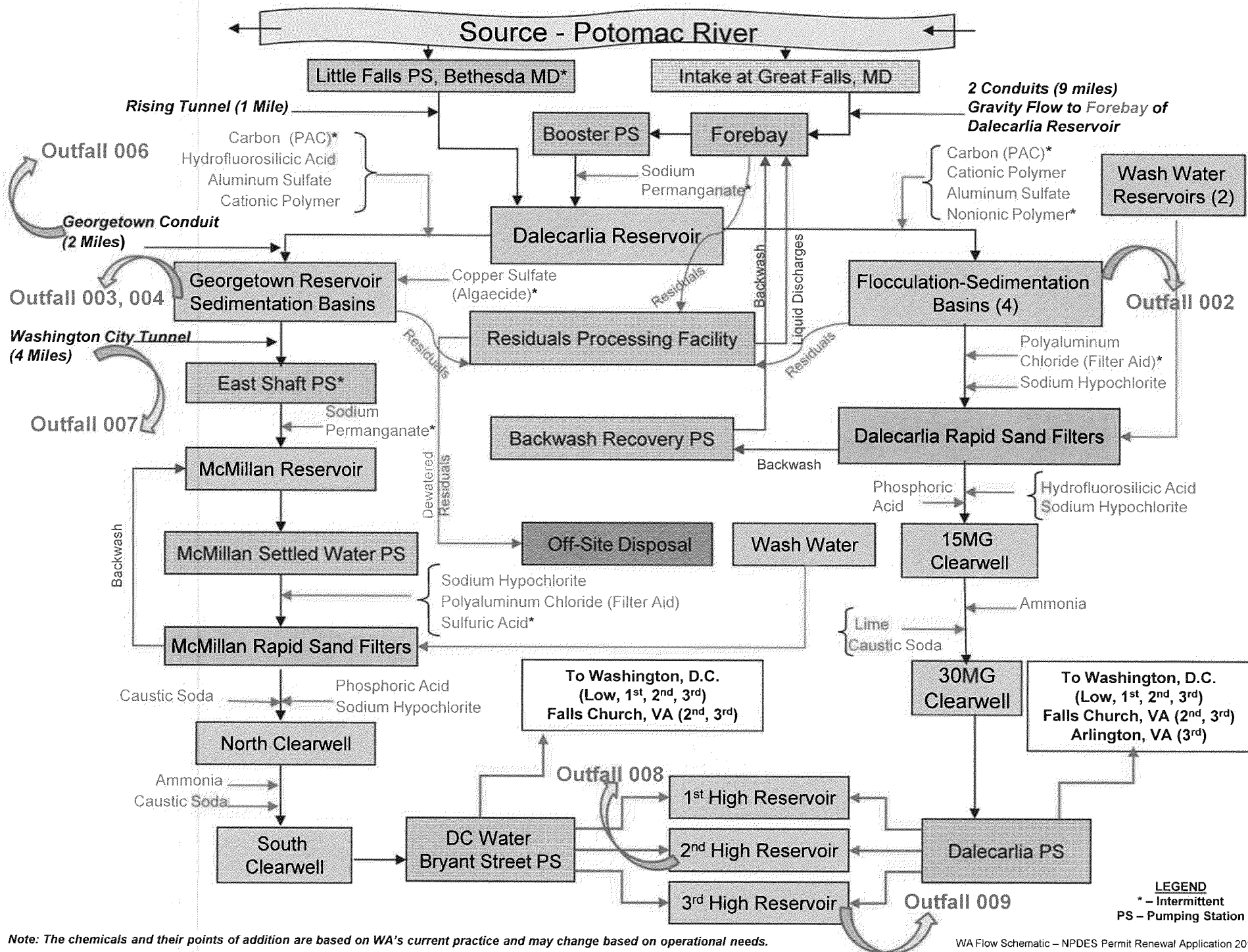
1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
002	Water Treatment Process Water from Dalecarlia WTP Basins 1, 2, 3 & 4 (1 discharge/basin every 5 years)	14 MG/year	None	4	A
002	Groundwater from basin underdrains (Continuous)	19.3 MG/year	None	4	A
003	Water Treatment Process Water from Georgetown Basin 2 (1 discharge every 5 years)	80 MG/year	None	4	A
004	Water Treatment Process Water from Georgetown Basin 1 or Basin 2 (1 discharge every 5 years)	80 MG/year	None	4	A
006	Water Treatment Process Water from Georgetown Conduit (1 discharge every 3 years)	5 MG/year	None	4	A
007	Treated Water Blowoff City Tunnel (1 discharge every 5-10 years)	10 MG/year	None	4	A

OFFICIAL USE ONLY (effluent guidelines sub-categories)









Note: The chemicals and their points of addition are based on WA's current practice and may change based on operational needs.

WA Flow Schematic - NPDES Permit Renewal Application 2013



C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal? <input checked="" type="checkbox"/> YES (complete the following table) <input type="checkbox"/> NO (go to Section III)								
1. OUTFALL NUMBER (list)	2. OPERATION(s) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		B. TOTAL VOLUME (specify with units)		C. DURATION (in days)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
002	Sedimentation Basin Drain	N/A	0.017/yr	N/A	7	N/A	7 MG	2 days
003	Sedimentation Basin Drain	N/A	0.017/yr	N/A	40	N/A	40 MG	2 days
004	Sedimentation Basin Drain	N/A	0.017/yr	N/A	40	N/A	40 MG	2 days
006	Georgetown Conduit Inspection	N/A	0.028/yr	N/A	5	N/A	5 MG	1 day
007	City Tunnel Inspection	N/A	0.011/yr	N/A	5	N/A	5 MG	2 days
008	2nd High Reservoir Inspection	N/A	0.014/yr	N/A	7	N/A	7 MG	2 days
009	3rd High Reservoir Inspection	N/A	0.014/yr	N/A	10	N/A	10 MG	2 days
III. PRODUCTION								
A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? <input checked="" type="checkbox"/> YES (complete Item III-B) <input type="checkbox"/> NO (go to Section IV)								
B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)? <input type="checkbox"/> YES (complete Item III-C) <input checked="" type="checkbox"/> NO (go to Section IV)								
C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.								
1. AVERAGE DAILY PRODUCTION							2. AFFECTED OUTFALLS (list outfall numbers)	
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)						
IV. IMPROVEMENTS								
A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operations of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions. <input type="checkbox"/> YES (complete the following table) <input checked="" type="checkbox"/> NO (go to Item IV-B)								
1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE				
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED			
B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. <input type="checkbox"/> MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED								

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DC0000019

CONTINUED FROM PAGE 2

A, B, & C: See instructions before proceeding – Complete one set of tables for each outfall – Annotate the outfall number in the space provided.

NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT		2. SOURCE	
None			

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ YES (list all such pollutants below.)

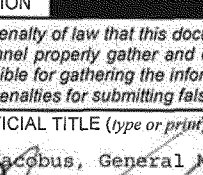
☒ NO (go to Item VI-B)

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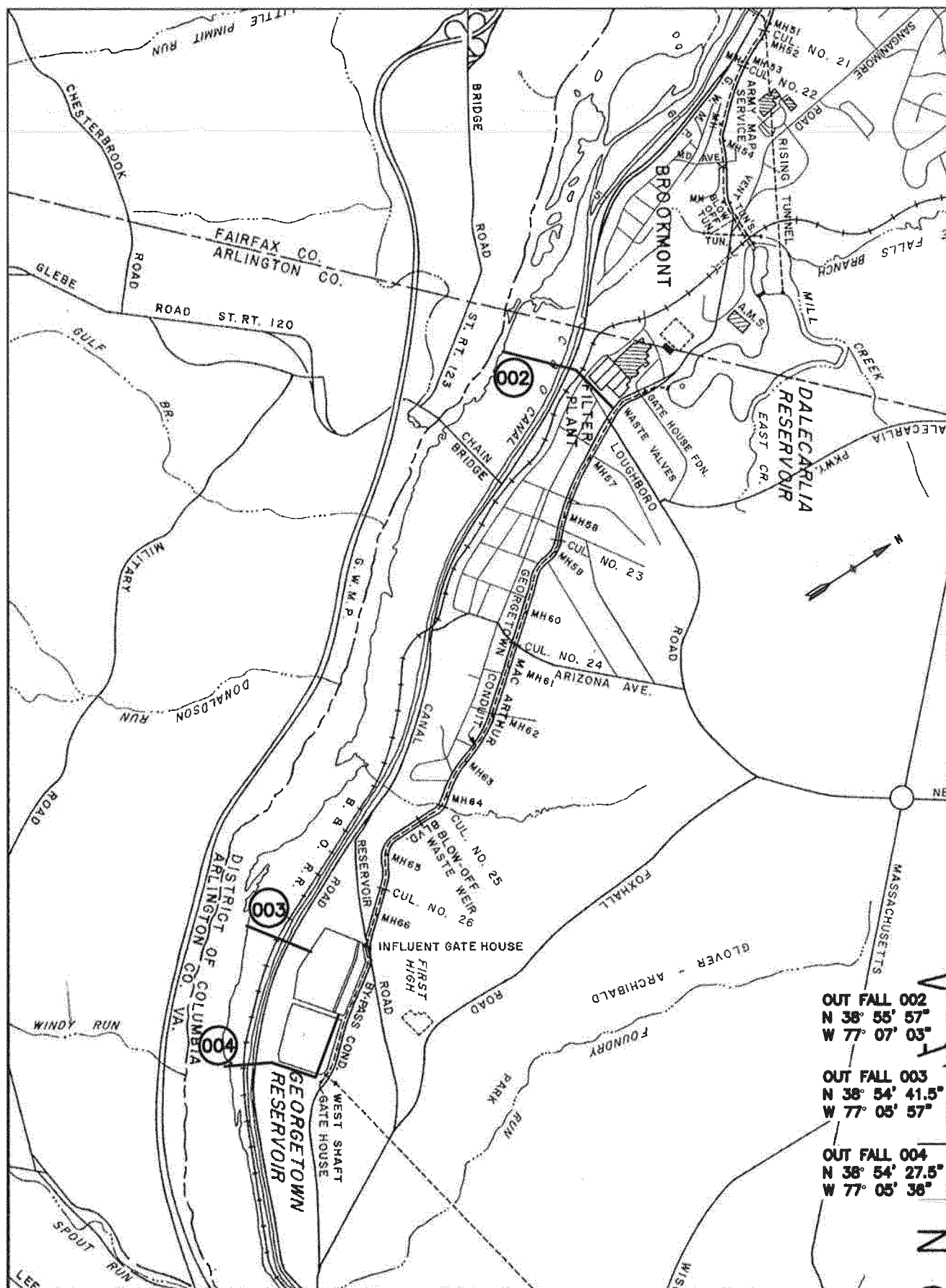
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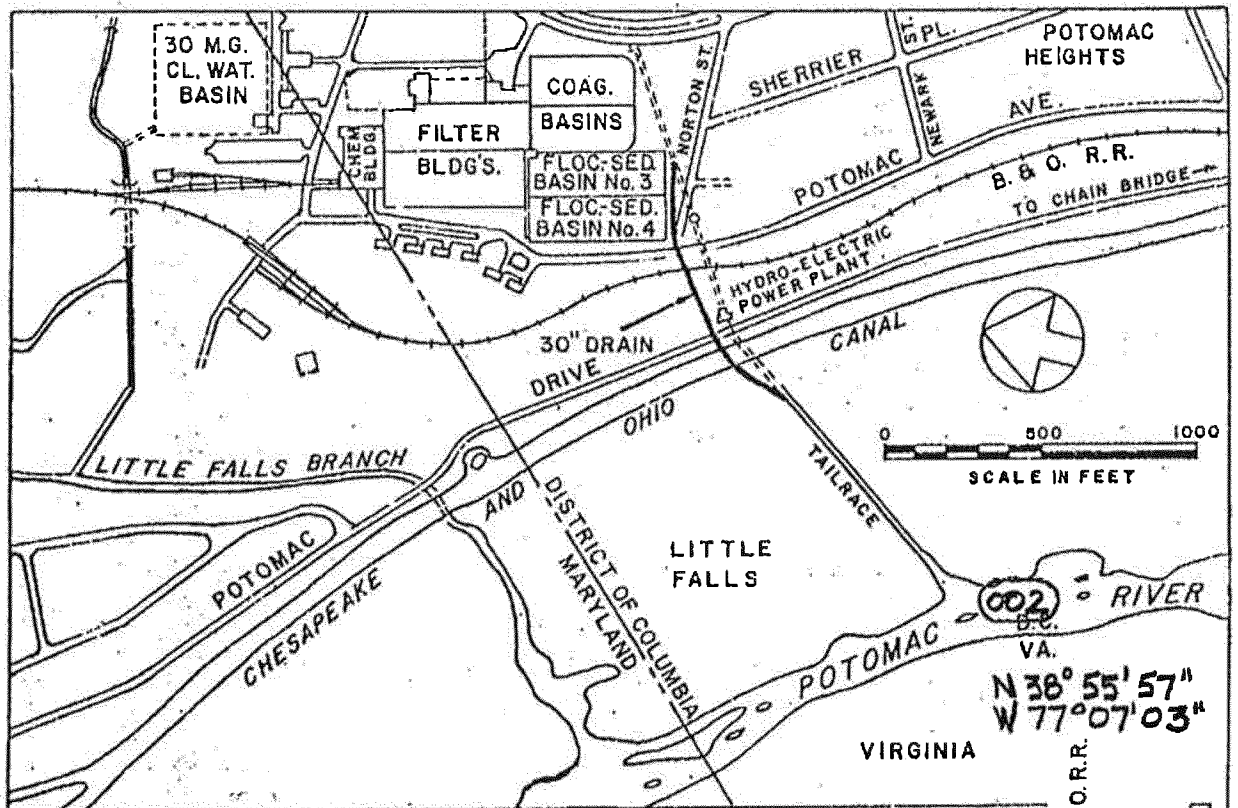
VII. BIOLOGICAL TOXICITY TESTING DATA			
Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years? <input checked="" type="checkbox"/> YES (identify the test(s) and describe their purposes below) <input type="checkbox"/> NO (go to Section VIII)			
In order to fulfill the requirements of NPDES Permit No. DC0000019 under Part III.D.1, a series of toxicity tests were performed in accordance with the study plan (Study Plan for Evaluating the Effect of Solids from the Washington Aqueduct on Embryo-Larval Fish) as follows:			
1. Particulate phase (supernatant) chronic toxicity testing using: fathead minnow 7-day larval survival and growth test; and water flea survival and reproduction test. 2. Amphipod solid phase toxicity testing. 3. Acute toxicity testing using striped bass 4. Testing of Potomac River sediments using Hyalella azteca.			
Tests were performed during the years 2009, 2010 and 2011 and results were documented in a series of reports as given below. The reports were submitted to EPA Region III.			
Results of Toxicity Testing of Discharges from Washington Aqueduct Outfalls 002 and 003 For Calendar Year 2011 (9 JAN 2012, submitted to EPA Region III on 30 JAN 2012)			
Results of Toxicity Testing of Discharges from Washington Aqueduct Outfalls 002 and 003 For Calendar Year 2010 (16 DEC 2010, submitted to EPA Region III on 20 DEC 2010)			
Results of Toxicity Testing of Discharges from Washington Aqueduct Outfalls 002 and 003 For Calendar Year 2009 (22 JAN 2010, submitted to EPA Region III on 29 JAN 2010)			
VIII. CONTRACT ANALYSIS INFORMATION			
Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm? <input type="checkbox"/> YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below) <input checked="" type="checkbox"/> NO (go to Section IX)			
A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
IX. CERTIFICATION			
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.			
A. NAME & OFFICIAL TITLE (type or print) Thomas P. Jacobus, General Manager		B. PHONE NO. (area code & no.) (202) 764-0031	
C. SIGNATURE 		D. DATE SIGNED 15 May 2013	



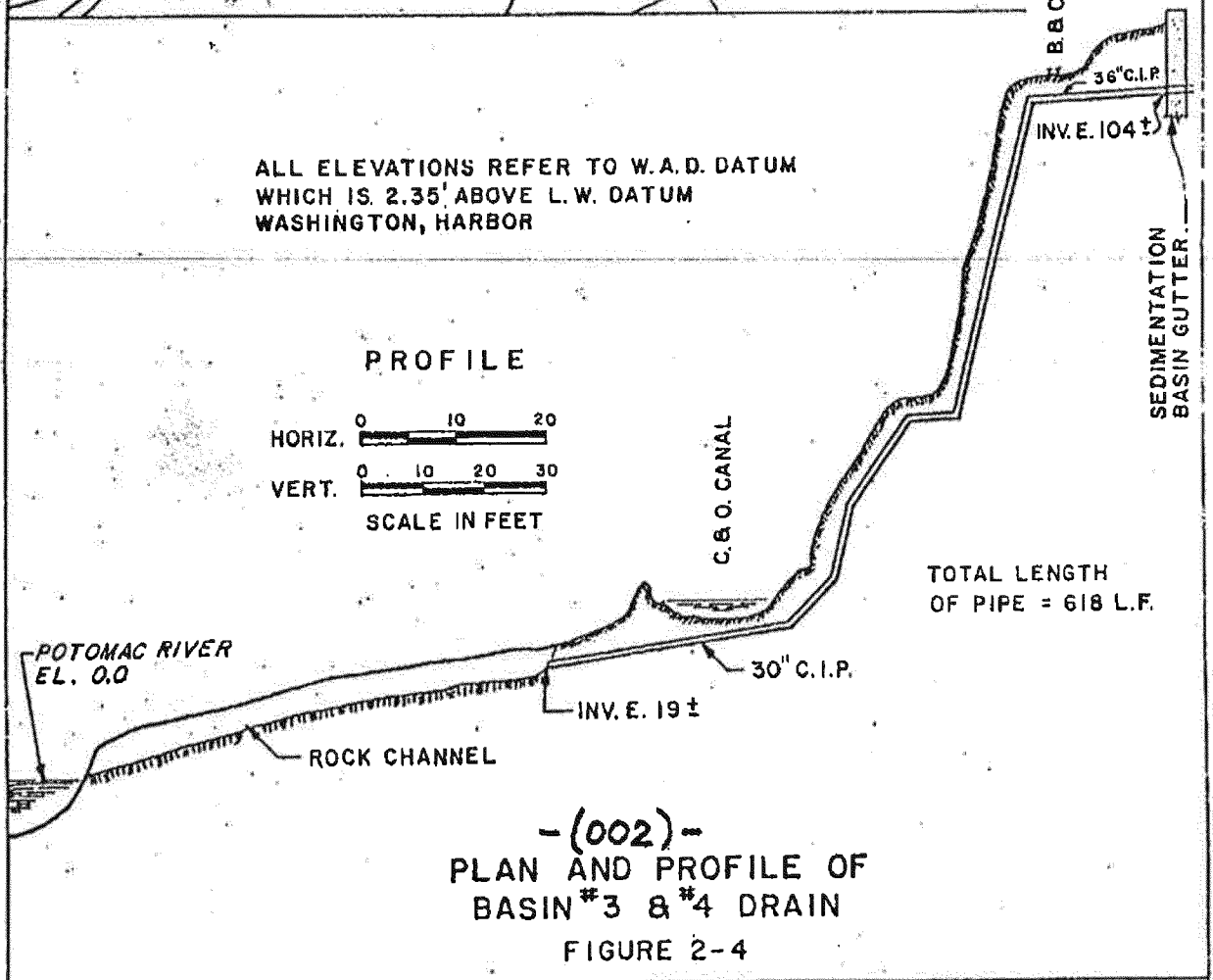
# WASHINGTON AQUEDUCT LOCATION OF OUTFALLS 002, 003 AND 004







ALL ELEVATIONS REFER TO W.A.D. DATUM  
WHICH IS 2.35' ABOVE L.W. DATUM  
WASHINGTON, HARBOR



# WASHINGTON AQUEDUCT DETAIL OF OUTFALL 002











PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)  
DC0000019

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)	OUTFALL NO. 002, 003, 004
----------------------------------------------------------------------------	------------------------------

PART A –You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
a. Biochemical Oxygen Demand (BOD)	N/A											
b. Chemical Oxygen Demand (COD)	N/A											
c. Total Organic Carbon (TOC)	N/A											
d. Total Suspended Solids (TSS)	11,800	1,410	Sums of	masses	from Outfall 02	003, 004		mg/L	tons/y			
e. Ammonia (as N)	N/A											
f. Flow	VALUE 114 MG/Y		VALUE		VALUE					VALUE		
g. Temperature (winter)	VALUE N/A		VALUE		VALUE			°C		VALUE		
h. Temperature (summer)	VALUE N/A		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 6.94	MAXIMUM 8.6	MINIMUM	MAXIMUM				STANDARD UNITS				

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a.	b.	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	BELIEVED PRESENT	BELIEVED ABSENT	(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color	X											X		
d. Fecal Coliform	X											X		
e. Fluoride (16984-48-8)	X		1.1	mg/l	Treatment		0.9	mg/l		Chemical				
f. Nitrate-Nitrite (as N)	X		3.0	mg/l			1.5	mg/l				X		



## ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)	X											X		
h. Oil and Grease		X												
i. Phosphorus (as P), Total (7723-14-0)	X											X		
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	X		74	mg/l	Treatment		53	mg/l		Chemical		X		
l. Sulfide (as S)		X												
m. Sulfite (as SO <sub>3</sub> ) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		1,430	mg/l	Treatment		6	mg/l		Chemical		X		
p. Barium, Total (7440-39-3)	X		64	ug/l			39	ug/l				X		
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)	X		1.1	ug/l			0.07	ug/l				X		
s. Iron, Total (7439-89-6)	X		1,176	ug/l			254	ug/l				X		
t. Magnesium, Total (7439-95-4)	X		14	ug/l			8.5	ug/l				X		
u. Molybdenum, Total (7439-98-7)	X		1.9	ug/l			0.7	ug/l				X		
v. Manganese, Total (7439-96-5)	X		150	ug/l			53.3	ug/l				X		
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												



EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
DC0000019	002, 003, 004

CONTINUED FROM PAGE 3 OF FORM 2-C

**PART C -** If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES		
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS			
<b>METALS, CYANIDE, AND TOTAL PHENOLS</b>																	
1M. Antimony, Total (7440-36-0)			X														
2M. Arsenic, Total (7440-38-2)		X		1.1	ug/l			0.4	ug/l				X				
3M. Beryllium, Total (7440-41-7)			X														
4M. Cadmium, Total (7440-43-9)			X														
5M. Chromium, Total (7440-47-3)		X		3.3	ug/l			1.6	ug/l				X				
6M. Copper, Total (7440-50-8)		X		23	ug/l	Treatment		3.7	ug/l		Chem.		X				
7M. Lead, Total (7439-92-1)		X		1.7	ug/L			0.3	ug/l				X				
8M. Mercury, Total (7439-97-6)			X														
9M. Nickel, Total (7440-02-0)		X		3.5	ug/l			2.3	ug/l				X				
10M. Selenium, Total (7782-49-2)		X		1.4	ug/l			0.5	ug/l				X				
11M. Silver, Total (7440-22-4)			X														
12M. Thallium, Total (7440-28-0)			X														
13M. Zinc, Total (7440-66-6)		X		58	ug/l			4.2	ug/l				X				
14M. Cyanide, Total (57-12-5)			X														
15M. Phenols, Total			X														
<b>DIOXIN</b>																	
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS													



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – VOLATILE COMPOUNDS																
1V. Acrolein (107-02-8)			X													
2V. Acrylonitrile (107-13-1)			X													
3V. Benzene (71-43-2)			X													
4V. Bis (Chloro- methyl) Ether (542-88-1)			X													
5V. Bromoform (75-25-2)			X													
6V. Carbon Tetrachloride (56-23-5)			X													
7V. Chlorobenzene (108-90-7)			X													
8V. Chlorodi- bromomethane (124-48-1)			X													
9V. Chloroethane (75-00-3)			X													
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X													
11V. Chloroform (67-66-3)			X													
12V. Dichloro- bromomethane (75-27-4)			X													
13V. Dichloro- difluoromethane (75-71-8)			X													
14V. 1,1-Dichloro- ethane (75-34-3)			X													
15V. 1,2-Dichloro- ethane (107-06-2)			X													
16V. 1,1-Dichloro- ethylene (75-35-4)			X													
17V. 1,2-Dichloro- propane (78-87-5)			X													
18V. 1,3-Dichloro- propylene (542-75-6)			X													
19V. Ethylbenzene (100-41-4)			X													
20V. Methyl Bromide (74-83-9)			X													
21V. Methyl Chloride (74-87-3)			X													



CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)																
22V. Methylene Chloride (75-09-2)			X													
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X													
24V. Tetrachloroethylene (127-18-4)			X													
25V. Toluene (108-88-3)			X													
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X													
27V. 1,1,1-Trichloroethane (71-55-6)			X													
28V. 1,1,2-Trichloroethane (79-00-5)			X													
29V Trichloroethylene (79-01-6)			X													
30V. Trichlorofluoromethane (75-69-4)			X													
31V. Vinyl Chloride (75-01-4)			X													
GC/MS FRACTION – ACID COMPOUNDS																
1A. 2-Chlorophenol (95-57-8)			X													
2A. 2,4-Dichlorophenol (120-83-2)			X													
3A. 2,4-Dimethylphenol (105-67-9)			X													
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X													
5A. 2,4-Dinitrophenol (51-28-5)			X													
6A. 2-Nitrophenol (88-75-5)			X													
7A. 4-Nitrophenol (100-02-7)			X													
8A. P-Chloro-M-Cresol (59-50-7)			X													
9A. Pentachlorophenol (87-86-5)			X													
10A. Phenol (108-95-2)			X													
11A. 2,4,6-Trichlorophenol (88-05-2)			X													



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS																
1B. Acenaphthene (83-32-9)			X													
2B. Acenaphthylene (208-96-8)			X													
3B. Anthracene (120-12-7)			X													
4B. Benzidine (92-87-5)			X													
5B. Benzo (a) Anthracene (56-55-3)			X													
6B. Benzo (a) Pyrene (50-32-8)			X													
7B. 3,4-Benzo-fluoranthene (205-99-2)			X													
8B. Benzo (ghi) Perylene (191-24-2)			X													
9B. Benzo (k) Fluoranthene (207-08-9)			X													
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)			X													
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)			X													
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X													
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)			X													
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X													
15B. Butyl Benzyl Phthalate (85-68-7)			X													
16B. 2-Chloro-naphthalene (91-58-7)			X													
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X													
18B. Chrysene (218-01-9)			X													
19B. Dibenzo (a,h) Anthracene (53-70-3)			X													
20B. 1,2-Dichloro-benzene (95-50-1)			X													
21B. 1,3-Di-chloro-benzene (541-73-1)			X													



CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
22B. 1,4-Dichloro- benzene (106-46-7)			X													
23B. 3,3-Dichloro- benzidine (91-94-1)			X													
24B. Diethyl Phthalate (84-66-2)			X													
25B. Dimethyl Phthalate (131-11-3)			X													
26B. Di-N-Butyl Phthalate (84-74-2)			X													
27B. 2,4-Dinitro- toluene (121-14-2)			X													
28B. 2,6-Dinitro- toluene (606-20-2)			X													
29B. Di-N-Octyl Phthalate (117-84-0)			X													
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)			X													
31B. Fluoranthene (206-44-0)			X													
32B. Fluorene (86-73-7)			X													
33B. Hexachloro- benzene (118-74-1)			X													
34B. Hexachloro- butadiene (87-68-3)			X													
35B. Hexachloro- cyclopentadiene (77-47-4)			X													
36B Hexachloro- ethane (67-72-1)			X													
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X													
38B. Isophorone (78-59-1)			X													
39B. Naphthalene (91-20-3)			X													
40B. Nitrobenzene (98-95-3)			X													
41B. N-Nitro- sodimethylamine (62-75-9)			X													
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X													



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
43B. N-Nitro- sodiphenylamine (86-30-6)			X													
44B. Phenanthrene (85-01-8)			X													
45B. Pyrene (129-00-0)			X													
46B. 1,2,4-Tri- chlorobenzene (120-82-1)			X													
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α-BHC (319-84-6)			X													
3P. β-BHC (319-85-7)			X													
4P. γ-BHC (58-89-9)			X													
5P. δ-BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α-Endosulfan (115-29-7)			X													
12P. β-Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													
15P. Endrin Aldehyde (7421-93-4)			X													
16P. Heptachlor (76-44-8)			X													



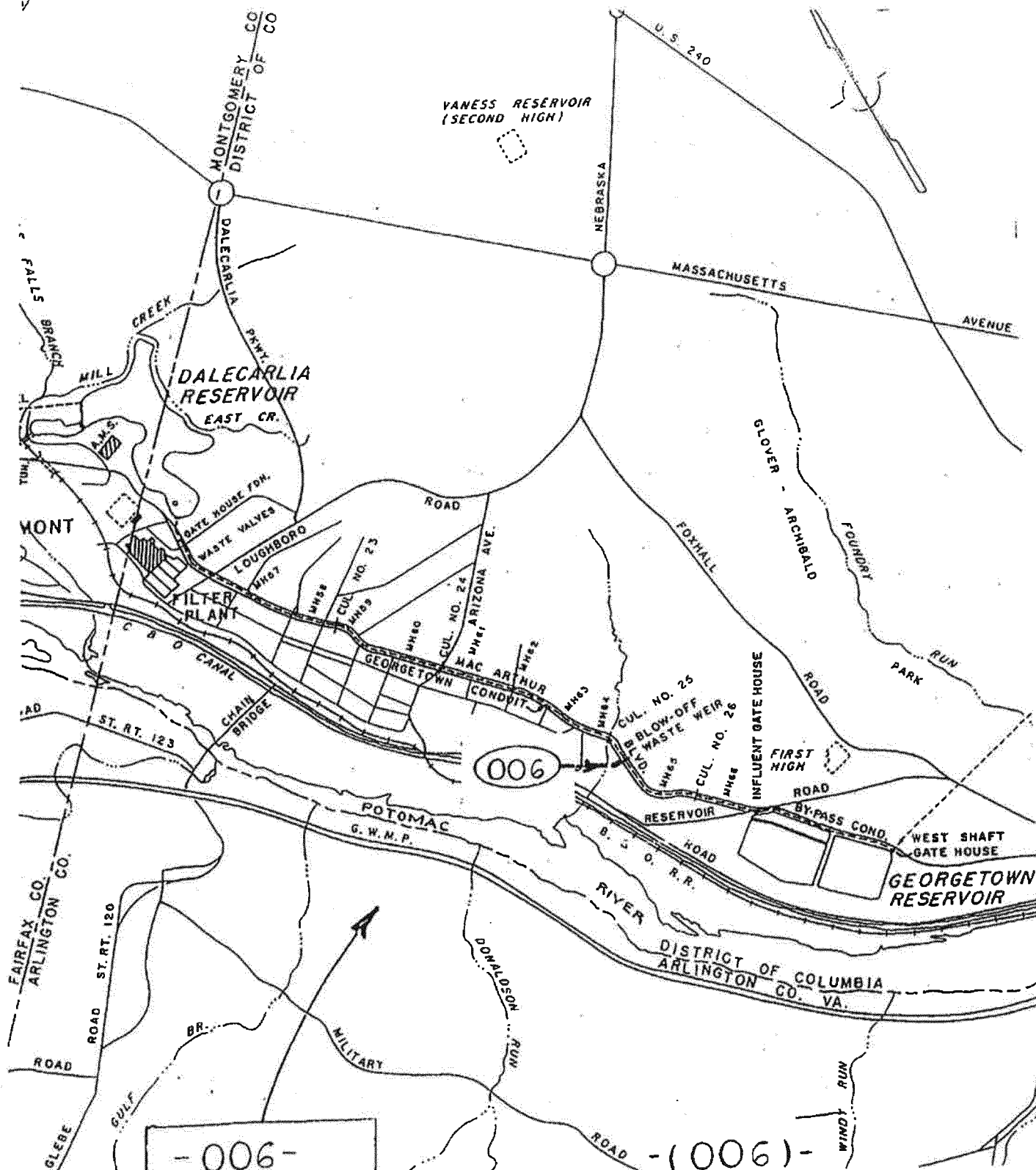
EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
DC0000019	002, 003, 004

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – PESTICIDES (continued)																
17P. Heptachlor Epoxide (1024-57-3)			X													
18P. PCB-1242 (53469-21-9)			X													
19P. PCB-1254 (11097-69-1)			X													
20P. PCB-1221 (11104-28-2)			X													
21P. PCB-1232 (11141-16-5)			X													
22P. PCB-1248 (12672-29-6)			X													
23P. PCB-1260 (11096-82-5)			X													
24P. PCB-1016 (12674-11-2)			X													
25P. Toxaphene (8001-35-2)			X													



# WASHINGTON AQUEDUCT LOCATION OF OUTFALL 006



-006-  
N 38° 55' 14"  
W 77° 06' 00"

-(006)-  
GEORGETOWN CONDUIT  
BLOWOFF  
PLAN



PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages.  
SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)  
DC0000019

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)	OUTFALL NO. 006
----------------------------------------------------------------------------	--------------------

PART A –You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
	CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
a. Biochemical Oxygen Demand (BOD)	N/A											
b. Chemical Oxygen Demand (COD)	N/A											
c. Total Organic Carbon (TOC)	N/A											
d. Total Suspended Solids (TSS)					24			mg/l				
e. Ammonia (as N)	N/A											
f. Flow	VALUE	5 MG/Y	VALUE		VALUE					VALUE		
g. Temperature (winter)	VALUE	N/A	VALUE		VALUE			°C		VALUE		
h. Temperature (summer)	VALUE	N/A	VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM	7.4	MAXIMUM	8.6	MINIMUM	MAXIMUM		STANDARD UNITS				

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
			CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color	X											X		
d. Fecal Coliform	X											X		
e. Fluoride (16984-48-8)	X		1.1	mg/l	Treatment		0.9	mg/l		Chemical				
f. Nitrate-Nitrite (as N)	X		3.0	mg/l			1.5	mg/l				X		



## ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
g. Nitrogen, Total Organic (as N)	X											X			
h. Oil and Grease		X													
i. Phosphorus (as P), Total (7723-14-0)	X											X			
j. Radioactivity															
(1) Alpha, Total		X													
(2) Beta, Total		X													
(3) Radium, Total		X													
(4) Radium 226, Total		X													
k. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	X		74	mg/l	Treatment		53	mg/l		Chemical		X			
l. Sulfide (as S)		X													
m. Sulfite (as SO <sub>3</sub> ) (14265-45-3)		X													
n. Surfactants		X													
o. Aluminum, Total (7429-90-5)	X		1,430	mg/l	Treatment		6	mg/l		Chemical		X			
p. Barium, Total (7440-39-3)	X		64	ug/l			39	ug/l							
q. Boron, Total (7440-42-8)		X													
r. Cobalt, Total (7440-48-4)	X		1.1	ug/l			0.07	ug/l				X			
s. Iron, Total (7439-89-6)	X		1,176	ug/l			254	ug/l				X			
t. Magnesium, Total (7439-95-4)	X		14	ug/l			8.6	ug/l				X			
u. Molybdenum, Total (7439-98-7)	X		1.9	ug/l			0.7	ug/l				X			
v. Manganese, Total (7439-96-5)	X		150	ug/l			53.3	ug/l				X			
w. Tin, Total (7440-31-5)		X													
x. Titanium, Total (7440-32-6)		X													



EPA I.D. NUMBER (copy from Item 1 of Form 1)

OUTFALL NUMBER

DC0000019

006

CONTINUED FROM PAGE 3 OF FORM 2-C

**PART C -** If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>METALS, CYANIDE, AND TOTAL PHENOLS</b>															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)		X		1.1	ug/l			0.4	ug/l				X		
3M. Beryllium, Total (7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)			X												
5M. Chromium, Total (7440-47-3)		X		3.3	ug/l			1.6	ug/l				X		
6M. Copper, Total (7440-50-8)		X		23	ug/l	Treatment		3.7	ug/l		Chem.		X		
7M. Lead, Total (7439-92-1)		X		1.7	ug/l			0.3	ug/l				X		
8M. Mercury, Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)		X		3.5	ug/l			2.3	ug/l						
10M. Selenium, Total (7782-49-2)		X		1.4	ug/l			0.5	ug/l				X		
11M. Silver, Total (7440-22-4)			X												
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)		X		58	ug/l			4.2	ug/l				X		
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
<b>DIOXIN</b>															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
																(1) CONCENTRATION
GC/MS FRACTION – VOLATILE COMPOUNDS																
1V. Acrolein (107-02-8)			X													
2V. Acrylonitrile (107-13-1)			X													
3V. Benzene (71-43-2)			X													
4V. Bis (Chloro- methyl) Ether (542-88-1)			X													
5V. Bromoform (75-25-2)			X													
6V. Carbon Tetrachloride (56-23-5)			X													
7V. Chlorobenzene (108-90-7)			X													
8V. Chlorodi- bromomethane (124-48-1)			X													
9V. Chloroethane (75-00-3)			X													
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X													
11V. Chloroform (67-66-3)			X													
12V. Dichloro- bromomethane (75-27-4)			X													
13V. Dichloro- difluoromethane (75-71-8)			X													
14V. 1,1-Dichloro- ethane (75-34-3)			X													
15V. 1,2-Dichloro- ethane (107-06-2)			X													
16V. 1,1-Dichloro- ethylene (75-35-4)			X													
17V. 1,2-Dichloro- propane (78-87-5)			X													
18V. 1,3-Dichloro- propylene (542-75-6)			X													
19V. Ethylbenzene (100-41-4)			X													
20V. Methyl Bromide (74-83-9)			X													
21V. Methyl Chloride (74-87-3)			X													



CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)																
22V. Methylene Chloride (75-09-2)			X													
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X													
24V. Tetrachloroethylene (127-18-4)			X													
25V. Toluene (108-88-3)			X													
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X													
27V. 1,1,1-Trichloroethane (71-55-6)			X													
28V. 1,1,2-Trichloroethane (79-00-5)			X													
29V Trichloroethylene (79-01-6)			X													
30V. Trichlorofluoromethane (75-69-4)			X													
31V. Vinyl Chloride (75-01-4)			X													
GC/MS FRACTION – ACID COMPOUNDS																
1A. 2-Chlorophenol (95-57-8)			X													
2A. 2,4-Dichlorophenol (120-83-2)			X													
3A. 2,4-Dimethylphenol (105-67-9)			X													
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X													
5A. 2,4-Dinitrophenol (51-28-5)			X													
6A. 2-Nitrophenol (88-75-5)			X													
7A. 4-Nitrophenol (100-02-7)			X													
8A. P-Chloro-M-Cresol (59-50-7)			X													
9A. Pentachlorophenol (87-86-5)			X													
10A. Phenol (108-95-2)			X													
11A. 2,4,6-Trichlorophenol (88-05-2)			X													



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X												
2B. Acenaphthylene (208-96-8)			X												
3B. Anthracene (120-12-7)			X												
4B. Benzidine (92-87-5)			X												
5B. Benzo (a) Anthracene (56-55-3)			X												
6B. Benzo (a) Pyrene (50-32-8)			X												
7B. 3,4-Benzo- fluoranthene (205-99-2)			X												
8B. Benzo (ghi) Perylene (191-24-2)			X												
9B. Benzo (k) Fluoranthene (207-08-9)			X												
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)			X												
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)			X												
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)			X												
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)			X												
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X												
15B. Butyl Benzyl Phthalate (85-68-7)			X												
16B. 2-Chloro- naphthalene (91-58-7)			X												
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)			X												
18B. Chrysene (218-01-9)			X												
19B. Dibenzo (a,h) Anthracene (53-70-3)			X												
20B. 1,2-Dichloro- benzene (95-50-1)			X												
21B. 1,3-Di-chloro- benzene (541-73-1)			X												



CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
22B. 1,4-Dichlorobenzene (106-46-7)			X													
23B. 3,3-Dichlorobenzidine (91-94-1)			X													
24B. Diethyl Phthalate (84-66-2)			X													
25B. Dimethyl Phthalate (131-11-3)			X													
26B. Di-N-Butyl Phthalate (84-74-2)			X													
27B. 2,4-Dinitrotoluene (121-14-2)			X													
28B. 2,6-Dinitrotoluene (606-20-2)			X													
29B. Di-N-Octyl Phthalate (117-84-0)			X													
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X													
31B. Fluoranthene (206-44-0)			X													
32B. Fluorene (86-73-7)			X													
33B. Hexachlorobenzene (118-74-1)			X													
34B. Hexachlorobutadiene (87-68-3)			X													
35B. Hexachlorocyclopentadiene (77-47-4)			X													
36B Hexachloroethane (67-72-1)			X													
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X													
38B. Isophorone (78-59-1)			X													
39B. Naphthalene (91-20-3)			X													
40B. Nitrobenzene (98-95-3)			X													
41B. N-Nitrosodimethylamine (62-75-9)			X													
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X													



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
43B. N-Nitro-sodiphenylamine (86-30-6)			X													
44B. Phenanthrene (85-01-8)			X													
45B. Pyrene (129-00-0)			X													
46B. 1,2,4-Tri-chlorobenzene (120-82-1)			X													
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α-BHC (319-84-6)			X													
3P. β-BHC (319-85-7)			X													
4P. γ-BHC (58-89-9)			X													
5P. δ-BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α-Endosulfan (115-29-7)			X													
12P. β-Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													
15P. Endrin Aldehyde (7421-93-4)			X													
16P. Heptachlor (76-44-8)			X													



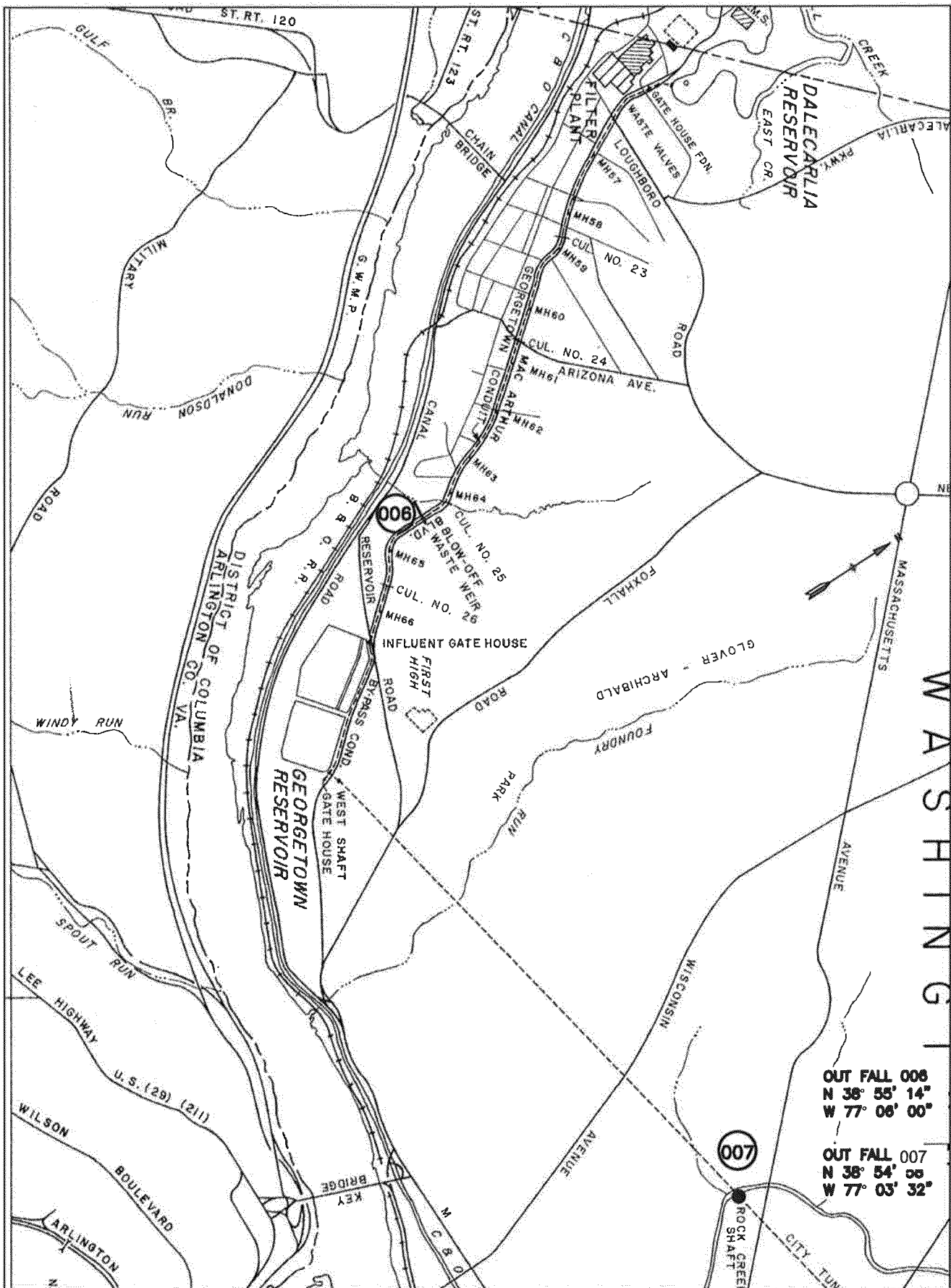
EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
DC0000019	006

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION - PESTICIDES (continued)																
17P. Heptachlor Epoxide (1024-57-3)			X													
18P. PCB-1242 (53469-21-9)			X													
19P. PCB-1254 (11097-69-1)			X													
20P. PCB-1221 (11104-28-2)			X													
21P. PCB-1232 (11141-16-5)			X													
22P. PCB-1248 (12672-29-6)			X													
23P. PCB-1260 (11096-82-5)			X													
24P. PCB-1016 (12674-11-2)			X													
25P. Toxaphene (8001-35-2)			X													



# WASHINGTON AQUEDUCT CONDUIT DISCHARGE TO POTOMAC RIVER AND ROCK CREEK VIA OUTFALLS 006 AND 007









PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages.  
SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)  
DC0000019

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)		OUTFALL NO. 007
----------------------------------------------------------------------------	--	--------------------

PART A –You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	N/A											
b. Chemical Oxygen Demand (COD)	N/A											
c. Total Organic Carbon (TOC)	N/A											
d. Total Suspended Solids (TSS)	N/A											
e. Ammonia (as N)	N/A											
f. Flow	VALUE 10 MG/Y		VALUE		VALUE					VALUE		
g. Temperature (winter)	VALUE N/A		VALUE		VALUE			°C		VALUE		
h. Temperature (summer)	VALUE N/A		VALUE		VALUE			°C		VALUE		
i. pH	MINIMUM 7.4	MAXIMUM 8.6	MINIMUM	MAXIMUM				STANDARD UNITS				

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVR.G. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color	X											X		
d. Fecal Coliform	X											X		
e. Fluoride (16984-48-8)	X		1.1	mg/l	Treatment		0.9	mg/l		Chemical				
f. Nitrate-Nitrite (as N)	X		3.0	mg/l			1.5	mg/l				X		



## ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
g. Nitrogen, Total Organic (as N)	X												X		
h. Oil and Grease		X													
i. Phosphorus (as P), Total (7723-14-0)	X												X		
j. Radioactivity															
(1) Alpha, Total		X													
(2) Beta, Total		X													
(3) Radium, Total		X													
(4) Radium 226, Total		X													
k. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	X		74	mg/l	Treatment		53	mg/l		Chemical			X		
l. Sulfide (as S)		X													
m. Sulfite (as SO <sub>3</sub> ) (14265-45-3)		X													
n. Surfactants		X													
o. Aluminum, Total (7429-90-5)	X		321	ug/l	Treatment		52.2	ug/l		Chemical			X		
p. Barium, Total (7440-39-3)	X		64	ug/l			39	ug/l							
q. Boron, Total (7440-42-8)		X													
r. Cobalt, Total (7440-48-4)	X		1.1	ug/l			0.07	ug/l					X		
s. Iron, Total (7439-89-6)	X		1,176	ug/l			254	ug/l					X		
t. Magnesium, Total (7439-95-4)	X		14	ug/l			8.5	ug/l					X		
u. Molybdenum, Total (7439-98-7)	X		1.9	ug/l			0.7	ug/l					X		
v. Manganese, Total (7439-96-5)	X		150	ug/l			53.3	ug/l					X		
w. Tin, Total (7440-31-5)		X													
x. Titanium, Total (7440-32-6)		X													



EPA I.D. NUMBER (copy from Item 1 of Form I)

OUTFALL NUMBER

DCD960010232

007

CONTINUED FROM PAGE 3 OF FORM 2-C

**PART C -** If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
<b>METALS, CYANIDE, AND TOTAL PHENOLS</b>															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)		X		1.1	ug/l			0.4	ug/l				X		
3M. Beryllium, Total (7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)			X												
5M. Chromium, Total (7440-47-3)		X		3.3	ug/l			1.6	ug/l				X		
6M. Copper, Total (7440-50-8)		X		23	ug/l	Treatment		3.7	ug/l		Chem.		X		
7M. Lead, Total (7439-92-1)		X		1.7	ug/l			0.3	ug/l				X		
8M. Mercury, Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)		X		3.5	ug/l			2.3	ug/l				X		
10M. Selenium, Total (7782-49-2)		X		1.4	ug/l			0.5	ug/l				X		
11M. Silver, Total (7440-22-4)			X												
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)		X		58	ug/l			4.2	ug/l				X		
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
<b>DIOXIN</b>															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1784-01-6)			X	DESCRIBE RESULTS											



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X												
4V. Bis (Chloro- methyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)			X												
7V. Chlorobenzene (108-90-7)			X												
8V. Chlorodi- bromomethane (124-48-1)			X												
9V. Chloroethane (75-00-3)			X												
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro- bromomethane (75-27-4)			X												
13V. Dichloro- difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro- ethane (75-34-3)			X												
15V. 1,2-Dichloro- ethane (107-06-2)			X												
16V. 1,1-Dichloro- ethylene (75-35-4)			X												
17V. 1,2-Dichloro- propane (78-87-5)			X												
18V. 1,3-Dichloro- propylene (542-75-6)			X												
19V. Ethylbenzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												
21V. Methyl Chloride (74-87-3)			X												



CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X												
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X												
24V. Tetrachloroethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X												
27V. 1,1,1-Trichloroethane (71-55-6)			X												
28V. 1,1,2-Trichloroethane (79-00-5)			X												
29V Trichloroethylene (79-01-6)			X												
30V. Trichlorofluoromethane (75-69-4)			X												
31V. Vinyl Chloride (75-01-4)			X												
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X												
2A. 2,4-Dichlorophenol (120-83-2)			X												
3A. 2,4-Dimethylphenol (105-67-9)			X												
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitrophenol (51-28-5)			X												
6A. 2-Nitrophenol (88-75-5)			X												
7A. 4-Nitrophenol (100-02-7)			X												
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachlorophenol (87-86-5)			X												
10A. Phenol (108-95-2)			X												
11A. 2,4,6-Trichlorophenol (88-05-2)			X												



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X												
2B. Acenaphthylene (208-96-8)			X												
3B. Anthracene (120-12-7)			X												
4B. Benzidine (92-87-5)			X												
5B. Benzo (a) Anthracene (56-55-3)			X												
6B. Benzo (a) Pyrene (50-32-8)			X												
7B. 3,4-Benzo- fluoranthene (205-99-2)			X												
8B. Benzo (ghi) Perylene (191-24-2)			X												
9B. Benzo (k) Fluoranthene (207-08-9)			X												
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)			X												
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)			X												
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)			X												
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)			X												
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X												
15B. Butyl Benzyl Phthalate (85-68-7)			X												
16B. 2-Chloro- naphthalene (91-58-7)			X												
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)			X												
18B. Chrysene (218-01-9)			X												
19B. Dibenzo (a,h) Anthracene (53-70-3)			X												
20B. 1,2-Dichloro- benzene (95-50-1)			X												
21B. 1,3-Di-chloro- benzene (541-73-1)			X												



CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES		
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS			
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																	
22B. 1,4-Dichloro- benzene (106-46-7)			X														
23B. 3,3-Dichloro- benzidine (91-94-1)			X														
24B. Diethyl Phthalate (84-66-2)			X														
25B. Dimethyl Phthalate (131-11-3)			X														
26B. Di-N-Butyl Phthalate (84-74-2)			X														
27B. 2,4-Dinitro- toluene (121-14-2)			X														
28B. 2,6-Dinitro- toluene (606-20-2)			X														
29B. Di-N-Octyl Phthalate (117-84-0)			X														
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)			X														
31B. Fluoranthene (206-44-0)			X														
32B. Fluorene (86-73-7)			X														
33B. Hexachloro- benzene (118-74-1)			X														
34B. Hexachloro- butadiene (87-68-3)			X														
35B. Hexachloro- cyclopentadiene (77-47-4)			X														
36B Hexachloro- ethane (67-72-1)			X														
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X														
38B. Isophorone (78-59-1)			X														
39B. Naphthalene (91-20-3)			X														
40B. Nitrobenzene (98-95-3)			X														
41B. N-Nitro- sodimethylamine (62-75-9)			X														
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X														



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
43B. N-Nitro- sodiphenylamine (86-30-6)			X													
44B. Phenanthrene (85-01-8)			X													
45B. Pyrene (129-00-0)			X													
46B. 1,2,4-Tri- chlorobenzene (120-82-1)			X													
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α-BHC (319-84-6)			X													
3P. β-BHC (319-85-7)			X													
4P. γ-BHC (58-89-9)			X													
5P. δ-BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α-Endosulfan (115-29-7)			X													
12P. β-Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													
15P. Endrin Aldehyde (7421-93-4)			X													
16P. Heptachlor (76-44-8)			X													

2000

2001

2002

2003

2004

2005

2006

2007

2008

2009

2010

2011

2012

2013

2014

EPA I.D. NUMBER (copy from Item 1 of Form 1)

OUTFALL NUMBER

DCD960010232

007

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

EPA Form 3510-2C (8-90)

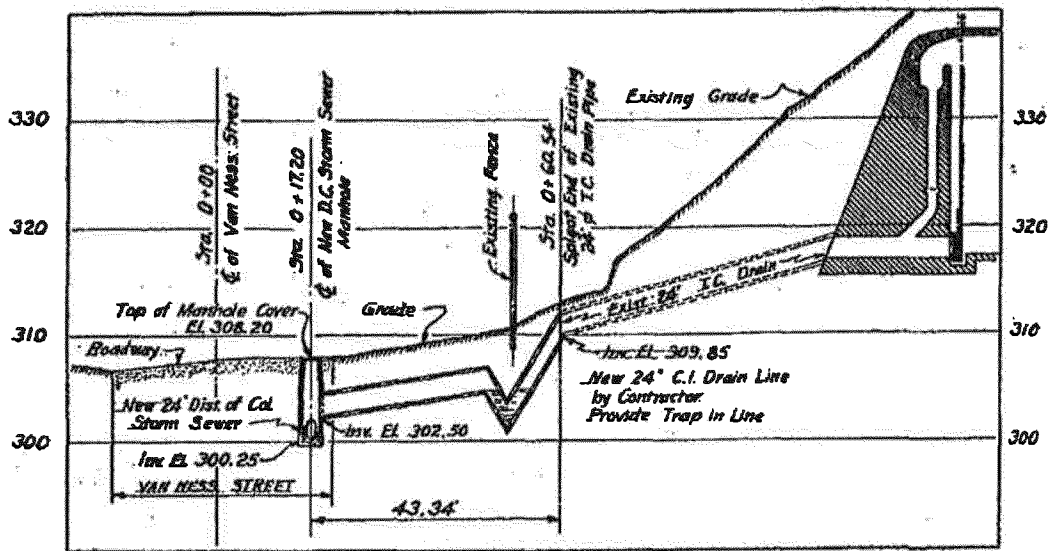
PAGE V-9



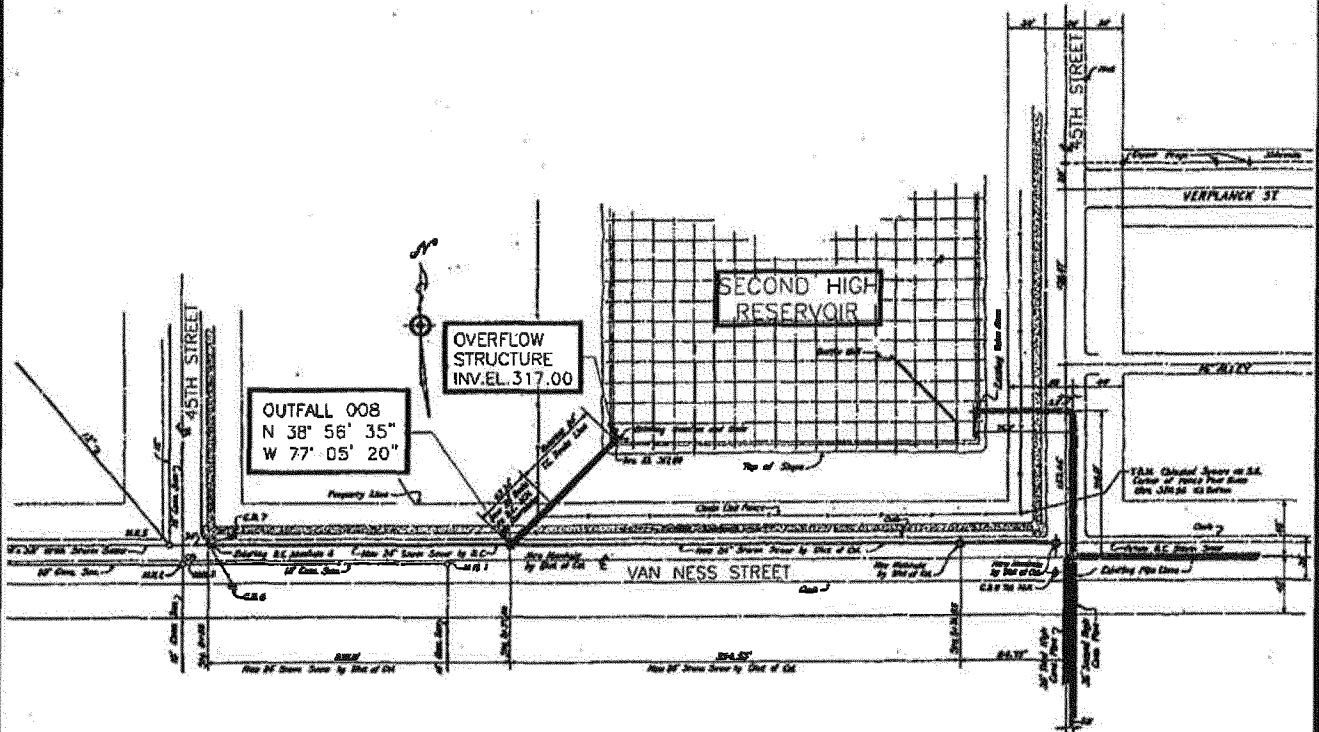
WASHINGTON AQUEDUCT  
RESERVOIR OVERFLOW DISCHARGES TO THE POTOMAC RIVER  
VIA OUTFALLS 008 AND 009  
DC STORM DRAINAGE SYSTEM, MILL CREEK AND LITTLE FALLS



Handwritten text, mostly illegible due to extreme fading and bleed-through. The text appears to be organized into several paragraphs, with some lines being more distinct than others. The handwriting is cursive and dense.



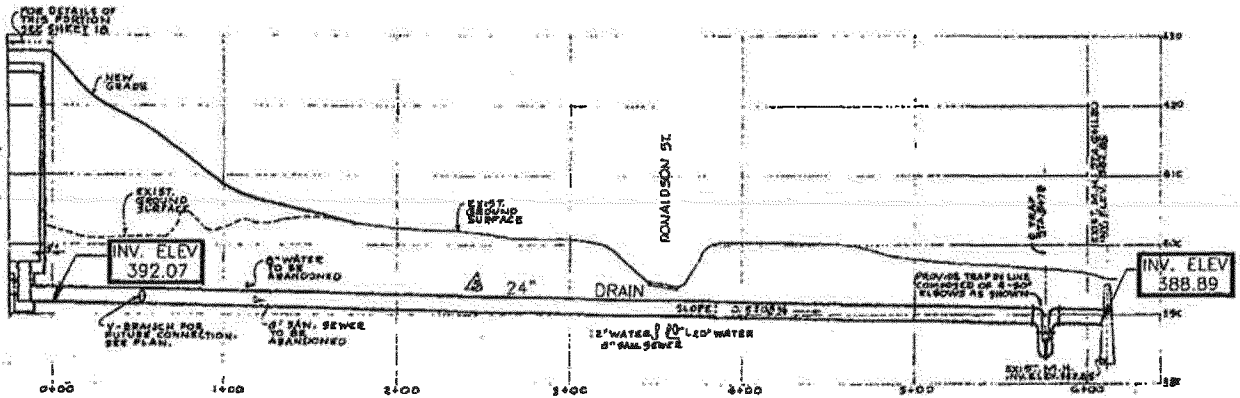
PROFILE OF SECOND HIGH RESERVOIR 24" DRAIN LINE (OUTFALL 008)  
SCALE: N.T.S.



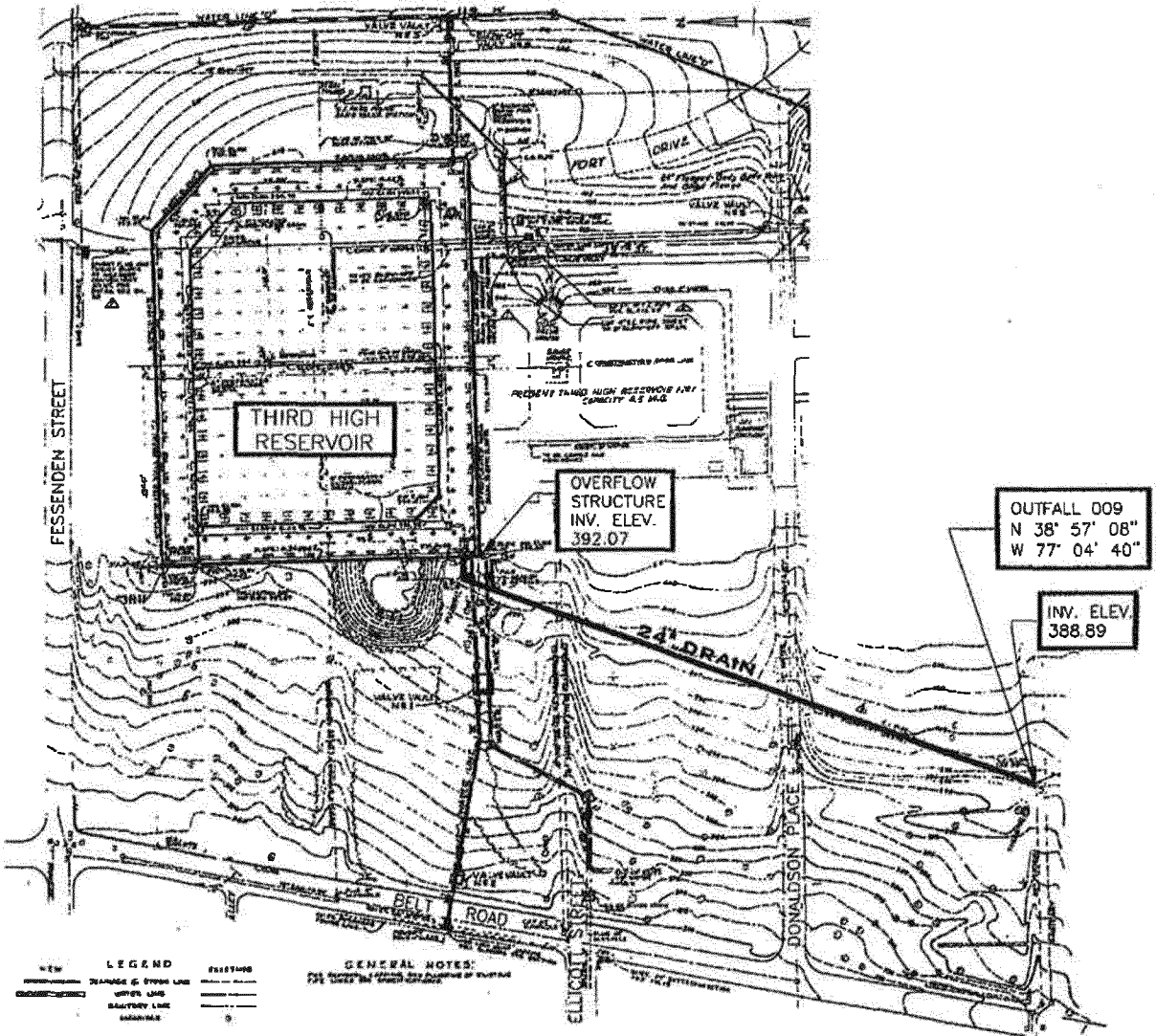
PLAN OF SECOND HIGH RESERVOIR 24" DRAIN LINE (OUTFALL 008)  
SCALE: N.T.S.

## WASHINGTON AQUEDUCT DETAILS OF OUTFALL 008





PROFILE OF THIRD HIGH RESERVOIR 24" DRAIN LINE (OUTFALL 009)  
SCALE: N.T.S.



PLAN OF THIRD HIGH RESERVOIR 24" DRAIN LINE (OUTFALL 009)  
SCALE: N.T.S.

## WASHINGTON AQUEDUCT DETAILS OF OUTFALL 009



PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages.  
SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)  
DC0000019

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)	OUTFALL NO. 008, 009
----------------------------------------------------------------------------	-------------------------

PART A –You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	N/A											
b. Chemical Oxygen Demand (COD)	N/A											
c. Total Organic Carbon (TOC)					1.8	mg/l				x		
d. Total Suspended Solids (TSS)					1.0	mg/l				X		
e. Ammonia (as N)					0.7	mg/l				X		
f. Flow	VALUE 20 MG/Y		VALUE		VALUE					VALUE		
g. Temperature (winter)	VALUE		VALUE 7		VALUE			°C		VALUE		
h. Temperature (summer)	VALUE		VALUE 28		VALUE			°C		VALUE		
i. pH	MINIMUM 7.7	MAXIMUM 7.8	MINIMUM 7.7	MAXIMUM 7.7				STANDARD UNITS				

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X						0.8	mg/l						
f. Nitrate-Nitrite (as N)	X						1.5	mg/l				X		



## ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)		X												
h. Oil and Grease		X												
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO <sub>4</sub> ) (14808-79-8)	X						52.6	mg/l				X		
l. Sulfide (as S)		X												
m. Sulfite (as SO <sub>3</sub> ) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X						0.7	ug/l				X		
p. Barium, Total (7440-39-3)	X						36	ug/l				X		
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)	X						3.6	ug/l				X		
t. Magnesium, Total (7439-95-4)	X						8.6	mg/l				X		
u. Molybdenum, Total (7439-98-7)	X						0.7	ug/l				X		
v. Manganese, Total (7439-96-5)	X						1.1	ug/l				X		
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												



EPA I.D. NUMBER (copy from Item 1 of Form 1)

OUTFALL NUMBER

DCD960010232

008, 009

CONTINUED FROM PAGE 3 OF FORM 2-C

**PART C -** If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
<b>METALS, CYANIDE, AND TOTAL PHENOLS</b>																
1M. Antimony, Total (7440-36-0)			X													
2M. Arsenic, Total (7440-38-2)		X						0.1	ug/l				X			
3M. Beryllium, Total (7440-41-7)			X													
4M. Cadmium, Total (7440-43-9)			X													
5M. Chromium, Total (7440-47-3)		X						1.6	ug/l				X			
6M. Copper, Total (7440-50-8)		X						3.7	ug/l				X			
7M. Lead, Total (7439-92-1)		X						0.1	ug/l				X			
8M. Mercury, Total (7439-97-6)			X													
9M. Nickel, Total (7440-02-0)		X						2.1	ug/l				X			
10M. Selenium, Total (7782-49-2)		X						0.5	ug/l				X			
11M. Silver, Total (7440-22-4)			X													
12M. Thallium, Total (7440-28-0)			X													
13M. Zinc, Total (7440-66-6)		X						1.2	ug/l				X			
14M. Cyanide, Total (57-12-5)			X													
15M. Phenols, Total			X													
<b>DIOXIN</b>																
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1764-01-6)			X	DESCRIBE RESULTS												



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)					
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES				
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS					
GC/MS FRACTION – VOLATILE COMPOUNDS																			
1V. Acrolein (107-02-8)			X																
2V. Acrylonitrile (107-13-1)			X																
3V. Benzene (71-43-2)			X																
4V. Bis (Chloro- methyl) Ether (542-88-1)			X																
5V. Bromoform (75-25-2)			X																
6V. Carbon Tetrachloride (56-23-5)			X																
7V. Chlorobenzene (108-90-7)			X																
8V. Chlorodi- bromomethane (124-48-1)		X						1.9	ug/l										
9V. Chloroethane (75-00-3)			X																
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X																
11V. Chloroform (67-66-3)		X						24.4	ug/l										
12V. Dichloro- bromomethane (75-27-4)		X						9.2	ug/l										
13V. Dichloro- difluoromethane (75-71-8)			X																
14V. 1,1-Dichloro- ethane (75-34-3)			X																
15V. 1,2-Dichloro- ethane (107-06-2)			X																
16V. 1,1-Dichloro- ethylene (75-35-4)			X																
17V. 1,2-Dichloro- propane (78-87-5)			X																
18V. 1,3-Dichloro- propylene (542-75-6)			X																
19V. Ethylbenzene (100-41-4)			X																
20V. Methyl Bromide (74-83-9)			X																
21V. Methyl Chloride (74-87-3)			X																



CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – VOLATILE COMPOUNDS (continued)																
22V. Methylene Chloride (75-09-2)			X													
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X													
24V. Tetrachloroethylene (127-18-4)			X													
25V. Toluene (108-88-3)			X													
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X													
27V. 1,1,1-Trichloroethane (71-55-6)			X													
28V. 1,1,2-Trichloroethane (79-00-5)			X													
29V. Trichloroethylene (79-01-6)			X													
30V. Trichlorofluoromethane (75-69-4)			X													
31V. Vinyl Chloride (75-01-4)			X													
GC/MS FRACTION – ACID COMPOUNDS																
1A. 2-Chlorophenol (95-57-8)			X													
2A. 2,4-Dichlorophenol (120-83-2)			X													
3A. 2,4-Dimethylphenol (105-67-9)			X													
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X													
5A. 2,4-Dinitrophenol (51-28-5)			X													
6A. 2-Nitrophenol (88-75-5)			X													
7A. 4-Nitrophenol (100-02-7)			X													
8A. P-Chloro-M-Cresol (59-50-7)			X													
9A. Pentachlorophenol (87-86-5)			X													
10A. Phenol (108-95-2)			X													
11A. 2,4,6-Trichlorophenol (88-05-2)			X													



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES		
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS			
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS																	
1B. Acenaphthene (83-32-9)			X														
2B. Acenaphthylene (208-96-8)			X														
3B. Anthracene (120-12-7)			X														
4B. Benzidine (92-87-5)			X														
5B. Benzo (a) Anthracene (56-55-3)			X														
6B. Benzo (a) Pyrene (50-32-8)			X														
7B. 3,4-Benzo- fluoranthene (205-99-2)			X														
8B. Benzo (ghi) Perylene (191-24-2)			X														
9B. Benzo (k) Fluoranthene (207-08-9)			X														
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)			X														
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)			X														
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)			X														
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)			X														
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X														
15B. Butyl Benzyl Phthalate (85-68-7)			X														
16B. 2-Chloro- naphthalene (91-58-7)			X														
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)			X														
18B. Chrysene (218-01-9)			X														
19B. Dibenzo (a,h) Anthracene (53-70-3)			X														
20B. 1,2-Dichloro- benzene (95-50-1)			X														
21B. 1,3-Di-chloro- benzene (541-73-1)			X														

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CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
22B. 1,4-Dichloro- benzene (106-46-7)			X													
23B. 3,3-Dichloro- benzidine (91-94-1)			X													
24B. Diethyl Phthalate (84-66-2)			X													
25B. Dimethyl Phthalate (131-11-3)			X													
26B. Di-N-Butyl Phthalate (84-74-2)			X													
27B. 2,4-Dinitro- toluene (121-14-2)			X													
28B. 2,6-Dinitro- toluene (606-20-2)			X													
29B. Di-N-Octyl Phthalate (117-84-0)			X													
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)			X													
31B. Fluoranthene (206-44-0)			X													
32B. Fluorene (86-73-7)			X													
33B. Hexachloro- benzene (118-74-1)			X													
34B. Hexachloro- butadiene (87-68-3)			X													
35B. Hexachloro- cyclopentadiene (77-47-4)		X						ND	ug/l							
36B Hexachloro- ethane (67-72-1)			X													
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X													
38B. Isophorone (78-59-1)			X													
39B. Naphthalene (91-20-3)			X													
40B. Nitrobenzene (98-95-3)			X													
41B. N-Nitro- sodimethylamine (62-75-9)		X						0.2	ng/l							
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X													



CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (continued)																
43B. N-Nitrosodiphenylamine (86-30-6)			X													
44B. Phenanthrene (85-01-8)			X													
45B. Pyrene (129-00-0)			X													
46B. 1,2,4-Trichlorobenzene (120-82-1)			X													
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α-BHC (319-84-6)			X													
3P. β-BHC (319-85-7)			X													
4P. γ-BHC (58-89-9)			X													
5P. δ-BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α-Endosulfan (115-29-7)			X													
12P. β-Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													
15P. Endrin Aldehyde (7421-93-4)			X													
16P. Heptachlor (76-44-8)			X													



EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
DCD960010232	008, 009

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION – PESTICIDES (continued)																
17P. Heptachlor Epoxide (1024-57-3)			X													
18P. PCB-1242 (53469-21-9)			X													
19P. PCB-1254 (11097-69-1)			X													
20P. PCB-1221 (11104-28-2)			X													
21P. PCB-1232 (11141-16-5)			X													
22P. PCB-1248 (12672-29-6)			X													
23P. PCB-1260 (11096-82-5)			X													
24P. PCB-1016 (12674-11-2)			X													
25P. Toxaphene (8001-35-2)			X													

